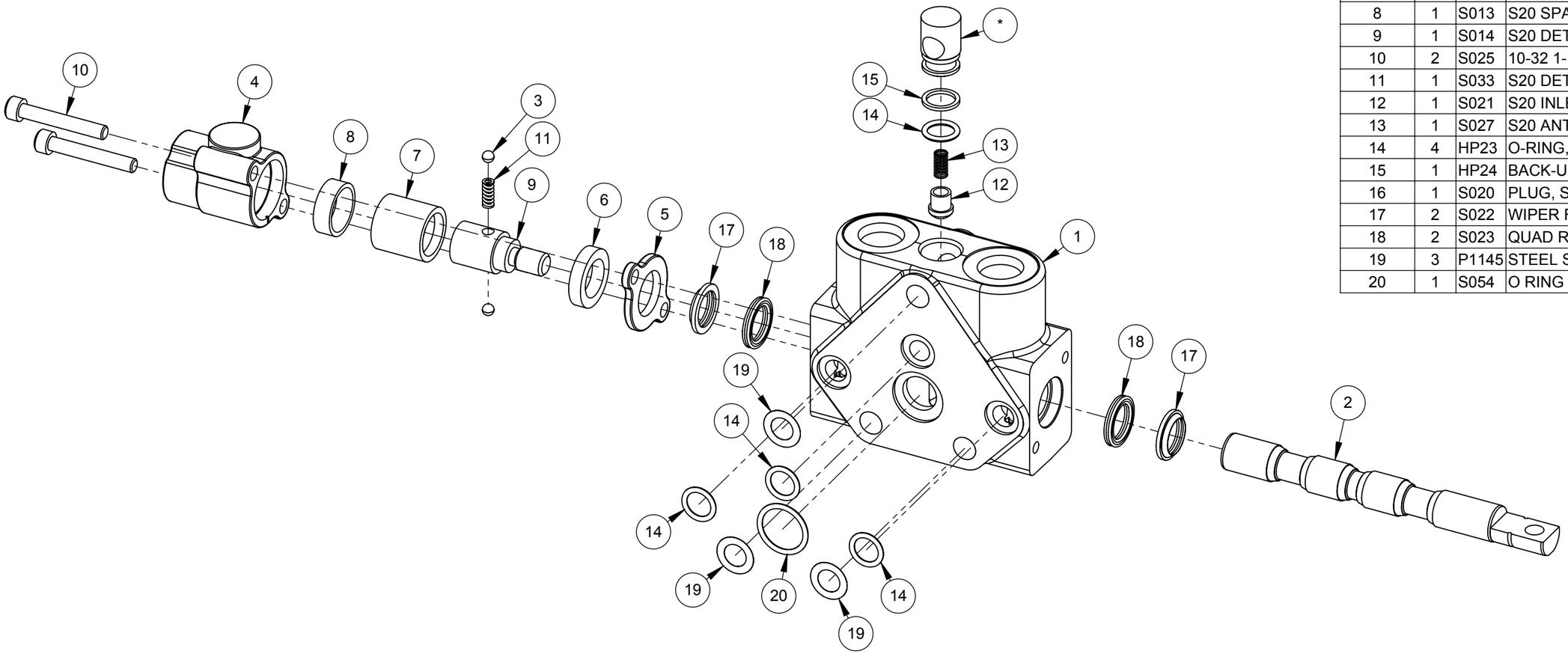
ITEM NO.	QTY.	P.N.	DESCRIPTION
1	1	S003	S20 WORK SECTION
2	1	S029	S20 O4 SPOOL
3	2	LV8	5/32" STEEL BALL
4	1	S001	S20 ENDCAP
5	1	S007	S20 SEAL RETAINER
6	1	S010	S20 SPACER
7	1	S012	DETENT SLEEVE
8	1	S013	S20 SPACER
9	1	S014	S20 DETENT BOLT
10	2	S025	10-32 1-1/4 S.H.C.S.
11	1	S033	S20 DETENT SPRING
12	1	S021	S20 INLET CHECK POPPET
13	1	S027	S20 ANTI-DROP CHECK SPRING
14	4	HP23	O-RING, 2-012
15	1	HP24	BACK-UP, 8-012
16	1	S020	PLUG, S20, INLET CHECK
17	2	S022	WIPER FOR 1/2" SPOOL
18	2	S023	QUAD RING Q4-112
19	3	P1145	STEEL SHIM
20	1	S054	O RING 2-016 90D



NOTE:

1. USE 242 (BLUE LOCTITE) ON ITEMS (9) (10) WHEN ASSEMBLING.

APPLICABLE KITS:

(SPOOL ACTION: 3 POS. DETENT) 20-D (SEE DRAWING 20-D FOR PARTS BREAKDOWN)

(SEAL KIT) 20AK (SEE DRAWING 20AK FOR PARTS BREAKDOWN)

(SEAL KIT BETWEEN SECTIONS) 20BK (SEE DRAWING 20BK FOR PARTS BREAKDOWN)

REV.	DATE	DESCRIPTION

BRAND HYDRAULICS CO., INC
2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105

TITLE: S20, WORK SECTION
OPEN, 3-POS DETENT

MATERIAL: -
-

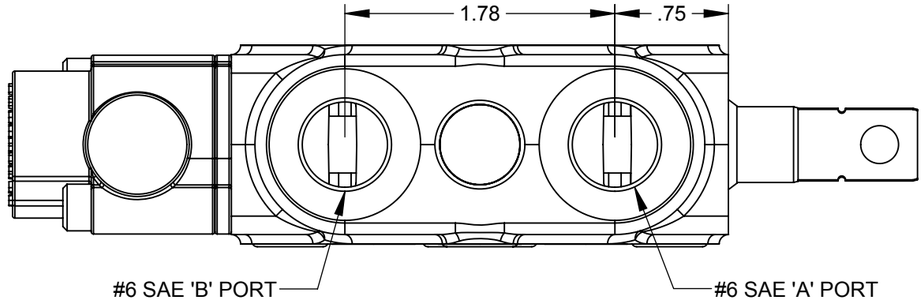
STANDARD TOLERANCE UNLESS NOTED:
0.00 ± 0.010 (0.015 GCI)
0.000 ± 0.005 (0.010 GCI)
◎ = .005 TIR
FRACTION ± 1/32
ANGLE ± 2°
DIMENSIONS ARE IN INCHES

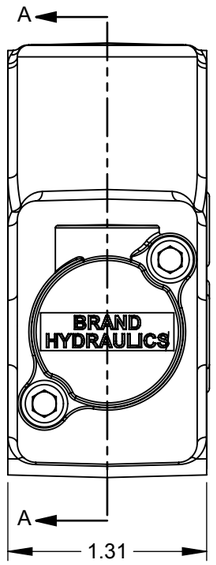
P/N ENDING IN "UF" HAVE NOT RECEIVED FINISH OPERATIONS

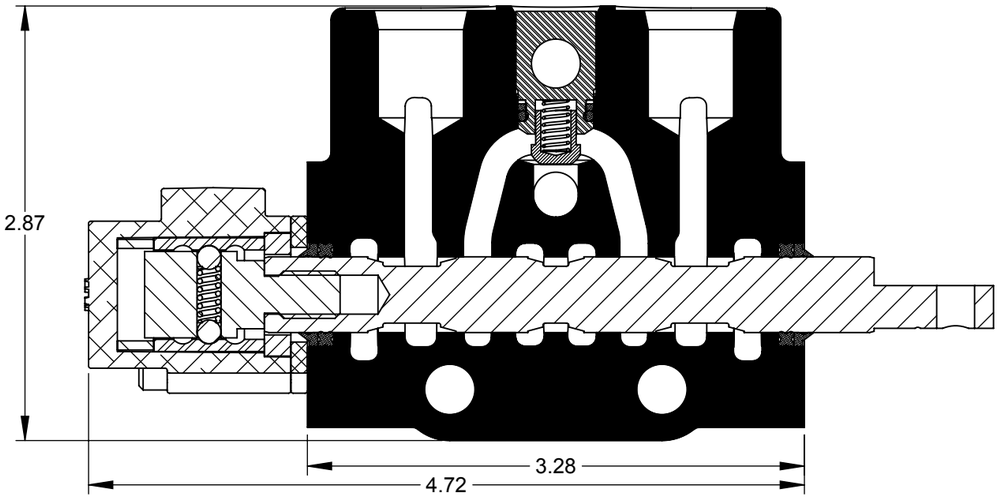
FINISHING SPECIFICATIONS:
HEAT TREAT: -±2RC X - ⇩
GRIND: -
PLATE: -

DRAWN BY: R. BATT
DATE: 11/26/2012
APRV'D BY:
APRV'D DATE:
SCALE: 1:1.5
FORMAT - B

PART NO: 20BFO4DC







SECTION A-A

BRAND HYDRAULICS CO., INC 2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105			
TITLE: S20, WORK SECTION OPEN, 3-POS DETENT			MATERIAL: - -
STANDARD TOLERANCE UNLESS NOTED: 0.00 ± 0.010 (0.015 GCI) 0.000 ± 0.005 (0.010 GCI) ⌀ = .005 TIR FRACTION ± 1/32 ANGLE ± 2° DIMENSIONS ARE IN INCHES	P/N ENDING IN "UF" HAVE NOT RECEIVED FINISH OPERATIONS FINISHING SPECIFICATIONS: HEAT TREAT: -±2RC X - ⩛ GRIND: - PLATE: -	DRAWN BY: R. BATT DATE: 11/26/2012 APRV'D BY: APRV'D DATE: SCALE: 1:1 FORMAT - B	PART NO: 20BFO4DC